

DHC-6 TWIN OTTER

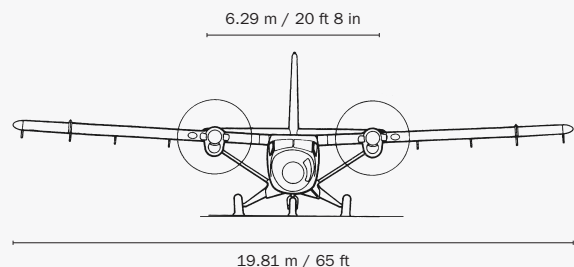
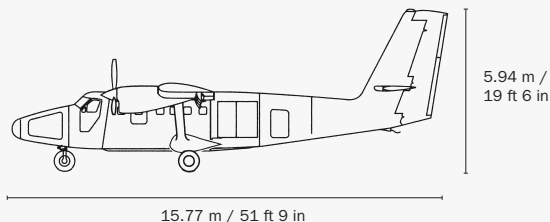
Series 400 – Wheels



THE DE HAVILLAND CANADA DHC-6 TWIN OTTER is a twin turboprop utility aircraft that has built its reputation as a safe and dependable workhorse throughout its 50-year history. The Twin Otter Series 400 marries a modern avionics suite with a rugged airframe that has proven its reliability through decades of operation on all types of terrain and in some of the world's most unforgiving environments. With flexible interior options that can quickly be reconfigured, the Twin Otter Series 400 is equally at home transporting VIPs, moving cargo, conducting medivac operations, performing special missions, or carrying passengers in its standard, 19-seat layout.

Backed by De Havilland Canada's global support network, the family of DHC-6 Twin Otter aircraft are the most versatile utility transport aircraft in their class.

EXTERNAL DIMENSIONS



DE HAVILLAND AIRCRAFT
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DHC-6 Twin Otter Series 400 - Wheels Specifications

AIRCRAFT DIMENSIONS

Wingspan	19.81 m	65 ft
Horizontal Stabilizer Span	6.29 m	20 ft 8 in
Aircraft Length	15.77 m	51 ft 9 in
Aircraft Height	5.94 m	19 ft 6 in

CABIN DIMENSIONS

Cabin Length	5.61 m	18 ft 5 in
Cabin Height	1.50 m	4 ft 11 in
Cabin Width	1.75 m	5 ft 9 in
Left Side Cabin Door	1.27 m x 1.42 m	50 in x 56 in
Right Side Cabin Door	0.76 m x 1.16 m	30 in x 45.5 in
Maximum Pax Seating	19	
Minimum Flight Crew	1	

POWERPLANT

Engines	Pratt & Whitney PT6A-34	
Flat-rated to (ISA + 27 °C, Sea Level)	620 shp	
Propellers, Hartzel - Three Bladed Reversible Pitch	HC-B3TN-3D	

DESIGN WEIGHTS & CAPACITIES

Maximum Takeoff Weight	5,670 kg	12,500 lb
Maximum Landing Weight	5,579 kg	12,300 lb
Equipped Weight Empty	3,377 kg	7,445 lb
Standard Fuel Capacity	1,168 kg	2,576 lb
Optional Extended Fuel Capacity	1,440 kg	3,176 lb

PERFORMANCE

STOL Takeoff*	366 m	1,200 ft
STOL Landing*	320 m	1,050 ft
Maximum Cruise Speed - ISA, Sea Level	170 KTAS	
Maximum Cruise Speed - ISA, 5,000 ft	181 KTAS	
Maximum Cruise Speed - ISA, 10,000 ft	182 KTAS	
SFAR 23 Takeoff Field Length to 50 ft at MTOW	455 m	1,490 ft
Takeoff Ground Roll - Wheels	244 m	800 ft
SFAR 23 Landing Field Length from 50 ft at MLW	460 m	1,510 ft
Landing Ground Roll - Wheels	169 m	556 ft
Payload for 100 nm range at Maximum Cruise Speed	1,807 kg	3,984 lb
Payload for 250 nm range at Maximum Cruise Speed	1,594 kg	3,514 lb
Maximum Range (Zero Payload) Standard Tanks	1,566 km	846 nm
Maximum Range (Zero Payload) Long-Range Tanks	1,941 km	1,048 nm
Maximum Endurance	7.6 hr	

NOTE: Payload and range data assumes fuel reserve for 45 minutes at cruise altitude and maximum endurance speed.

*Local regulatory approval required

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